Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060774.D
Acq On : 4 Apr 2024 11:54
Operator : MA/JU
Sample : PB159958BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 04 12:27:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB159958BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	58315	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	260730	20.000	ng		0.00
39) Acenaphthene-d10	14.591	164	204940	20.000	ng		0.00
64) Phenanthrene-d10	17.335	188	549065	20.000	ng		0.00
76) Chrysene-d12	21.607	240	508116	20.000	ng		0.00
86) Perylene-d12	24.750	264	540972	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.543	112	529700	151.320	ng		0.00
7) Phenol-d6	7.124	99	730008	140.491	ng		0.00
23) Nitrobenzene-d5	9.116	82	475035	103.963	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	440346	189.282	ng		0.00
45) 2-Fluorobiphenyl	13.217	172	1216758	87.135	ng		0.00
79) Terphenyl-d14	19.962	244	2427236	84.114	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	56750	39.542	ng		97
3) Pyridine	3.845	79	151595	35.018	ng		90
4) n-Nitrosodimethylamine	3.763	42	139127	53.765	ng		96
6) Aniline	7.282	93	122358	18.647	ng		98
8) 2-Chlorophenol	7.523	128	210737	53.102	ng		96
9) Benzaldehyde	7.094	77	14156m	4.941	ng		
10) Phenol	7.153	94	271618	51.220	ng		98
11) bis(2-Chloroethyl)ether	7.382	93	185188	43.254	ng		96
12) 1,3-Dichlorobenzene	7.852	146	193772	46.952	ng		98
13) 1,4-Dichlorobenzene	7.993	146	199893	47.476	ng		99
14) 1,2-Dichlorobenzene	8.311	146	196310	47.577	ng		100
15) Benzyl Alcohol	8.193	79	211819	50.325	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.487	45	440327	45.572	ng		99
17) 2-Methylphenol	8.399	107	192372	48.053	ng		98
18) Hexachloroethane	9.045	117	71059	47.519	ng		88
19) n-Nitroso-di-n-propyla...	8.769	70	173148	43.696	ng		96
20) 3+4-Methylphenols	8.728	107	264475	48.244	ng		93
22) Acetophenone	8.781	105	328215	45.653	ng	#	98
24) Nitrobenzene	9.157	77	246880	48.509	ng	#	94
25) Isophorone	9.685	82	480100	45.618	ng		99
26) 2-Nitrophenol	9.868	139	106816	57.603	ng		95
27) 2,4-Dimethylphenol	9.932	122	175168	41.434	ng		99
28) bis(2-Chloroethoxy)met...	10.167	93	271920	43.764	ng		99
29) 2,4-Dichlorophenol	10.402	162	215206	55.435	ng		99
30) 1,2,4-Trichlorobenzene	10.620	180	211694	48.157	ng		99
31) Naphthalene	10.808	128	631740	44.792	ng		99
32) Benzoic acid	10.073	122	169988	58.664	ng		96
33) 4-Chloroaniline	10.908	127	108022	16.490	ng		97
34) Hexachlorobutadiene	11.101	225	138150	47.155	ng		98
35) Caprolactam	11.689	113	80437m	52.314	ng		
36) 4-Chloro-3-methylphenol	12.036	107	262395	52.909	ng		98
37) 2-Methylnaphthalene	12.418	142	456688	44.043	ng		98
38) 1-Methylnaphthalene	12.635	142	440483	44.967	ng		94
40) 1,2,4,5-Tetrachloroben...	12.782	216	282486	47.946	ng		99
41) Hexachlorocyclopentadiene	12.770	237	283475	94.623	ng		100
43) 2,4,6-Trichlorophenol	13.023	196	210937	55.601	ng		95

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44) 2,4,5-Trichlorophenol	13.099	196	238970	52.782	ng		98
46) 1,1'-Biphenyl	13.428	154	651808	45.028	ng		99
47) 2-Chloronaphthalene	13.463	162	518655	47.158	ng		99
48) 2-Nitroaniline	13.663	65	212035	57.534	ng		99
49) Acenaphthylene	14.315	152	905375	48.993	ng		99
50) Dimethylphthalate	14.051	163	776447	47.933	ng		99
51) 2,6-Dinitrotoluene	14.163	165	162452	55.429	ng		94
52) Acenaphthene	14.656	154	647590m	55.814	ng		
53) 3-Nitroaniline	14.486	138	119913	38.302	ng	#	95
54) 2,4-Dinitrophenol	14.697	184	215183	190.846	ng		90
55) Dibenzofuran	14.991	168	876053	47.868	ng		99
56) 4-Nitrophenol	14.803	139	315680	133.307	ng		97
57) 2,4-Dinitrotoluene	14.950	165	243991	62.643	ng		98
58) Fluorene	15.643	166	720244	49.035	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.214	232	232604	58.953	ng	#	100
60) Diethylphthalate	15.426	149	797488	48.935	ng		99
61) 4-Chlorophenyl-phenyle...	15.637	204	380855	49.011	ng		95
62) 4-Nitroaniline	15.655	138	185393	62.598	ng		98
63) Azobenzene	15.931	77	762068	47.987	ng		96
65) 4,6-Dinitro-2-methylph...	15.714	198	147193	62.474	ng		97
66) n-Nitrosodiphenylamine	15.849	169	697546	44.457	ng		98
67) 4-Bromophenyl-phenylether	16.530	248	266511	47.828	ng		97
68) Hexachlorobenzene	16.642	284	307645	48.907	ng		98
69) Atrazine	16.807	200	217738	39.684	ng		99
70) Pentachlorophenol	16.989	266	432882	105.465	ng		99
71) Phenanthrene	17.382	178	1302635	45.617	ng		99
72) Anthracene	17.470	178	1301370	44.875	ng		99
73) Carbazole	17.741	167	1193088	46.661	ng		99
74) Di-n-butylphthalate	18.317	149	1447922	45.422	ng		100
75) Fluoranthene	19.392	202	1592590	45.961	ng		98
77) Benzidine	19.574	184	331205	24.754	ng		99
78) Pyrene	19.756	202	1637462	46.078	ng		100
80) Butylbenzylphthalate	20.661	149	642981	49.600	ng		97
81) Benzo(a)anthracene	21.583	228	1651753	46.117	ng		99
82) 3,3'-Dichlorobenzidine	21.501	252	473342	39.140	ng		99
83) Chrysene	21.654	228	1570549	45.494	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	933636	45.187	ng		96
85) Di-n-octyl phthalate	22.729	149	1657177	49.233	ng		99
87) Indeno(1,2,3-cd)pyrene	28.334	276	1966606	51.623	ng		98
88) Benzo(b)fluoranthene	23.763	252	1629855	52.443	ng		99
89) Benzo(k)fluoranthene	23.828	252	1612885	50.703	ng		99
90) Benzo(a)pyrene	24.609	252	1489298	49.310	ng		99
91) Dibenzo(a,h)anthracene	28.411	278	1661596	51.741	ng		98
92) Benzo(g,h,i)perylene	29.451	276	1564089	50.069	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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